

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY	East Germany	REPORT	
SUBJECT	Analyses of Two Samples of Special Fuel	DATE DISTR.	8 November 1954
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This is UNEVALUATED

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
 THE APPRAISAL OF CONTENT IS TENTATIVE.
 (FOR KEY SEE REVERSE)

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The following are analyses of two samples of special fuel procured in early May 1954 at HV Fluessige Brennstoffe (Main Administration for Liquid Fuels), East Berlin.¹

1. Katalyt motor fuel extra (Treibstoff-Extra)²

D₁₅ - 0,67 - 0,68
 Start of boiling (Siedebeginn) - 35 - 45° C
 End of boiling (Siedeende) - 175 - 185° C
 Vapor pressure (Dampfdruck) according to Reid/40° C - 0,6 Atm (atmospheres absolute pressure)
 Open-cup flash-point (Flammpunkt in offenem Tiegel) - 48° C

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2. Pyrolin special motor fuel (Spezial-Treibstoff)²

D₁₅ - 0,705 - 0,710
 Siedebeginn - 90 - 100° C
 Siedeende - 140 - 150° C
 Flammpunkt (P. + M.) - 38° C
 Flammpunkt in offenem Tiegel: - 14° C

Engler Analysis

100° C - 2,0 vol.%
 110° C - 20 "
 120° C - 61 "
 130° C - 90 "
 140° C - 97 "

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STATE	ARMY	X	NAVY	X	AIR	X	FBI		AEC		OSI	Ev	X		
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(NOTE: Washington distribution indicated by "X"; Field distribution by "#")

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 Comment. So far the two types of fuel analyzed have not been observed in production.

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 Comment. Katalyt and Pyrolin are trade names.

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